

26. (New) The isolated protein of claim 25 which comprises amino acid residues 2 to 190 of SEQ ID NO:83.

27. (New) The isolated protein of claim 25 which comprises amino acid residues 1 to 190 of SEQ ID NO:83.

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cont.

28. (New) The protein of claim 25 which further comprises a polypeptide sequence heterologous to SEQ ID NO:83.

Sub 2

29. (New) A composition comprising the protein of claim 25 and an acceptable carrier.

30. (New) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 25 by a cell; and
- (b) recovering said protein.

31. (New) An isolated protein comprising the amino acid sequence of the secreted portion of the polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

32. (New) The isolated protein of claim 31 which comprises the amino acid sequence of the complete polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517, excepting the N-terminal methionine.

33. (New) The isolated protein of claim 31 which comprises the amino acid sequence of the complete polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

Sub C3

34. (New) The protein of claim 31 which further comprises a polypeptide sequence heterologous to the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

35. (New) A composition comprising the protein of claim 31 and an acceptable carrier.

36. (New) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 31 by a cell; and
- (b) recovering said protein.

Sub C4
37. (New) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of amino acid residues 32 to 190 of SEQ ID NO:83, wherein said first polypeptide is capable of generating or selecting an antibody that specifically binds said second polypeptide.

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38. (New) The isolated first polypeptide of claim 37, wherein said antibody is capable of binding said second polypeptide in a Western blot.

39. (New) The isolated first polypeptide of claim 37, wherein said antibody is capable of binding said second polypeptide in an ELISA assay.

40. (New) The isolated polypeptide of claim 37, wherein said first polypeptide is at least 95% identical to said second polypeptide.

41. (New) The protein of claim 37 which further comprises a polypeptide sequence heterologous to SEQ ID NO:83.

Sub C5
42. (New) A composition comprising the protein of claim 37 and an acceptable carrier.

43. (New) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 37 by a cell; and
- (b) recovering said protein.

Sub C6
44. (New) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the secreted portion of the polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517, wherein said first polypeptide is capable of generating or selecting an antibody that specifically binds said second polypeptide.

45. (New) The isolated first polypeptide of claim 44, wherein said antibody is capable of binding said second polypeptide in a Western blot.

46. (New) The isolated first polypeptide of claim 44, wherein said antibody is capable of binding said second polypeptide in an ELISA assay.

47. (New) The isolated polypeptide of claim 44, wherein said first polypeptide is at least 95% identical to said second polypeptide.

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date:
48. (New) The protein of claim 44 which further comprises a polypeptide sequence heterologous to the polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

Sub c7
49. (New) A composition comprising the protein of claim 44 and an acceptable carrier.

50. (New) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 44 by a cell; and
- (b) recovering said protein.

Sub c8
51. (New) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of amino acid residues 1 to 190 of SEQ ID NO:83, wherein said first polypeptide is capable of generating or selecting an antibody that specifically binds said second polypeptide.

52. (New) The isolated first polypeptide of claim 51, wherein said antibody is capable of binding said second polypeptide in a Western blot.

53. (New) The isolated first polypeptide of claim 51, wherein said antibody is capable of binding said second polypeptide in an ELISA assay.

54. (New) The isolated polypeptide of claim 51, wherein said first polypeptide is at least 95% identical to said second polypeptide.

55. (New) The protein of claim 51 which comprises a polypeptide sequence heterologous to SEQ ID NO:83.

Sub 9 56. (New) A composition comprising the protein of claim 51 and an acceptable carrier.

57. (New) An isolated protein produced by the method comprising:

(a) expressing the protein of claim 51 by a cell; and

(b) recovering said protein.

B1 Sub 10 58. (New) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the complete polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517, wherein said first polypeptide is capable of generating or selecting an antibody that specifically binds said second polypeptide.

59. (New) The isolated first polypeptide of claim 58, wherein said antibody is capable of binding said second polypeptide in a Western blot.

60. (New) The isolated first polypeptide of claim 58, wherein said antibody is capable of binding said second polypeptide in an ELISA assay.

61. (New) The isolated polypeptide of claim 58, wherein said first polypeptide is at least 95% identical to said second polypeptide.

Sub 11 62. (New) The protein of claim 58 which further comprises a polypeptide sequence heterologous to the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

63. (New) A composition comprising the protein of claim 58 and an acceptable carrier.

64. (New) An isolated protein produced by the method comprising:

(a) expressing the protein of claim 58 by a cell; and

(b) recovering said protein.

65. (New) An isolated protein comprising at least 30 contiguous amino acid residues of amino acid residues 1 to 190 of SEQ ID NO:83.

66. (New) The isolated protein of claim 65 which comprises at least 50 contiguous amino acid residues of amino acid residues 1 to 190 of SEQ ID NO:83.

67. (New) The protein of claim 65 which further comprises a polypeptide sequence heterologous to SEQ ID NO:83.

68. (New) A composition comprising the protein of claim 65 and an acceptable carrier.

69. (New) An isolated protein produced by the method comprising:
(a) expressing the protein of claim 65 by a cell; and
(b) recovering said protein.

70. (New) An isolated protein comprising at least 30 contiguous amino acid residues of the complete polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

71. (New) The isolated protein of claim 70 which comprises at least 50 contiguous amino acid residues of the complete polypeptide encoded by the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

72. (New) The protein of claim 70 which further comprises a polypeptide sequence heterologous to the HPRBF19 cDNA contained in ATCC Deposit No. 203517.

73. (New) A composition comprising the protein of claim 70 and an acceptable carrier.

74. (New) An isolated protein produced by the method comprising:
(a) expressing the protein of claim 70 by a cell; and
(b) recovering said protein.